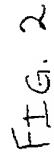


FIG. 1

| Parameter | Unit | Value | Standard Error | 95% CI | P-value |
|----------------------|------|-------|----------------|-------------|---------|
| Intercept | | 1.00 | 0.00 | 1.00 | 0.00 |
| Age | Year | 0.02 | 0.01 | -0.01, 0.05 | 0.15 |
| Sex | | | | | |
| Male | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Female | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Education | Year | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Income | Year | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Health status | | | | | |
| Good | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Poor | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Smoking status | | | | | |
| Smoker | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Nonsmoker | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Alcohol consumption | | | | | |
| Drinker | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Nondrinker | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Physical activity | | | | | |
| Active | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Inactive | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Family size | | | | | |
| Large | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Small | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Urban/rural | | | | | |
| Urban | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Rural | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Season | | | | | |
| Spring | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Summer | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Autumn | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Winter | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Time of day | | | | | |
| Morning | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Afternoon | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Evening | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Night | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Weather | | | | | |
| Sunny | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Cloudy | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Rainy | | 0.05 | 0.03 | -0.01, 0.11 | 0.08 |
| Snowy | | -0.02 | 0.03 | -0.08, 0.04 | 0.45 |
| Temperature | °C | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Humidity | % | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Wind speed | m/s | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Pressure | hPa | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Visibility | m | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Cloud cover | % | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| UV index | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Air quality | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Soil moisture | % | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Soil temperature | °C | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Plant growth | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Animal behavior | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Human activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Vehicle traffic | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Industrial activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Residential activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Commercial activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Government activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Education activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Healthcare activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Recreation activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Religious activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Cultural activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| Political activity | | 0.01 | 0.01 | -0.01, 0.03 | 0.25 |
| | | | | | |



INPUT STAGE

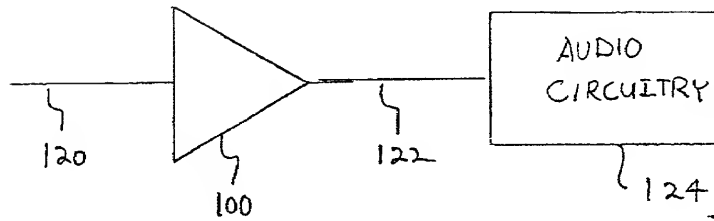


FIG. 3

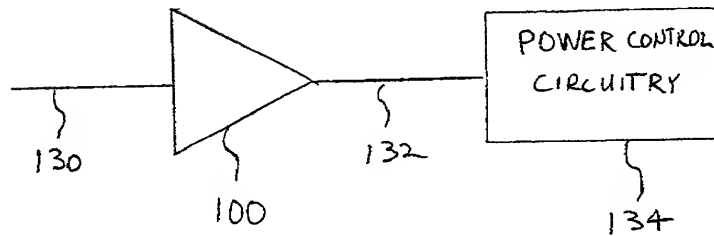


FIG. 4

00500" 8884660